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P.O. Box 1450  
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On NOVEMBER 3, 2005

TOWNSEND and TOWNSEND and CREW LLP

By: *Humberto Kora*

PATENT

Attorney Docket No.: 02307E-152470US

Client Ref. No.: U.C. Ref.: 98-025-5

Invitrogen Ref.: IVGN 472.6 (L)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Roger Y. Tsien, et al.

Application No.: 10/772,164

Filed: February 3, 2004

For: SYNTHETIC MOLECULES THAT  
SPECIFICALLY REACT WITH  
TARGET SEQUENCES

Customer No.: 20350

Confirmation No. 1874

Examiner: Jeffrey E. Russel

Technology Center/Art Unit: 1654

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed May 3, 2005, please enter the following amendments and remarks. Applicants also submit herewith a petition for an extension of time to the present date, with payment of the appropriate fee.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 6 of this paper.